

Please type a plus (+) sign in this box →



04-27-01
PTO/SB/05 (4/98)
Approved for use through 09/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE



UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. S01.12-0730/STL9852
First Inventor or Application Identifier Lujun Chen
Title GIANT MAGNETORESISTIVE SENSOR HAVING
SELF-CONSISTENT DEMAGNETIZATION FIELDS
Express Mail Label No. EL8844345863US

APPLICATION ELEMENTS
See MPEP chapter 600 concerning utility patent application contents.

Address To: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. ☒ *Fee Transmittal Form e.g., PTO/SB17
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Sheets 25]
(preferred arrangement set forth below)
- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. § 113) [Total Sheets 7]
4. Oath or Declaration [Total Sheets 3]
a. ☒ Newly executed (original or copy)
b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 16 completed)
i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting
inventor(s) named in the prior application,
see 37 C.F.R. §§1.63(d)(2) and 1.33(b).

5. ☐ Microfiche Computer Program (Appendix)
6. ☐ Nucleotide and/or Amino Acid Sequence Submission
(If applicable, all necessary)
a. ☐ Computer Readable Copy
b. ☐ Paper Copy (Identical to computer copy)
c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

7. ☒ Assignment Papers (cover sheet & document(s))
8. ☐ 37 C.F.R. § 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
9. ☐ English Translation Document
10. ☒ Information Disclosure Statement (IDS/PTO - PTO) ☐ Copies of IDS
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)
13. ☐ *Small Entity Statement filed in prior application. Status still proper and desired (PTO/SB/09-12)
14. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
15. ☐ Request and Cert. Under 35 USC 122 (Non-Pub)
16. ☐ Other: _____

* NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☒ Continuation ☐ Divisional ☐ Continuation -in part (CIP) of prior application No: not available

Prior application information:

Examiner _____

Group/Art Unit: _____

FOR CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE

☐ Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or ☒ Correspondence address below

Name	Brian D. Kaul WESTMAN CHAMPLIN & KELLY				
Address	Suite 1600 - International Centre 900 South Second Avenue				
City	Minneapolis	State	MN	Zip Code	55402-3319
Country	USA	Telephone	(612) 334-3222	Fax	(612) 334-3312

Name (Print/type)	Brian D. Kaul	Registration No. (Attorney/Agent)	41,885
Signature		Date	4/26/01

FEE TRANSMITTAL		Complete if Known																																																																																																	
		Application No.	filed herewith																																																																																																
		Filing Date	filed herewith																																																																																																
		First Named Inventor	Lujun Chen																																																																																																
		Title	GIANT MAGNETORESISTIVE SENSOR HAVING SELF-CONSISTENT DEMAGNETIZATION FIELDS																																																																																																
		Group Art Unit																																																																																																	
		Examiner Name																																																																																																	
Total Amount of Payment \$ 790		Atty. Docket Number	S01.12-0730/STL9852																																																																																																
METHOD OF PAYMENT (Check One)		FEE CALCULATION (Continued)																																																																																																	
1. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fee required under 37 C.F.R. § 1.16 and 1.17, including any petition fee, and credit any over payments to Deposit Account No. <u>23-1123</u> . Westman, Champlin & Kelly, P.A. 2. <input checked="" type="checkbox"/> Check Enclosed		3. ADDITIONAL FEES <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee</th> <th>Small Entity Fee</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Code (\$)</td> <td>Code (\$)</td> <td></td> <td></td> </tr> <tr> <td>105 130</td> <td>205 65</td> <td>Surcharge - Late filing fee or oath</td> <td></td> </tr> <tr> <td>127 50</td> <td>227 25</td> <td>Surcharge - Late provisional Filing Fee or cover sheet</td> <td></td> </tr> <tr> <td>139 130</td> <td>139 130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>147 2,520</td> <td>147 2,520</td> <td>For Filing a Request for Reexamination</td> <td></td> </tr> <tr> <td>115 110</td> <td>215 55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>116 390</td> <td>216 195</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>117 890</td> <td>217 445</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>118 1,390</td> <td>218 695</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>128 1,890</td> <td>280 945</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>120 310</td> <td>220 155</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>121 270</td> <td>221 135</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>148 110</td> <td>248 55</td> <td>Terminal Disclaimer Fee</td> <td></td> </tr> <tr> <td>140 110</td> <td>240 55</td> <td>Petition to Revive - unavoidable</td> <td></td> </tr> <tr> <td>141 1,240</td> <td>241 620</td> <td>Petition to Revive - unintentional</td> <td></td> </tr> <tr> <td>142 1,270</td> <td>242 650</td> <td>Utility/Reissue issue fee (inc. advance copies)</td> <td></td> </tr> <tr> <td>143 470</td> <td>243 250</td> <td>Design issue fee (inc. advance copies)</td> <td></td> </tr> <tr> <td>122 130</td> <td>122 130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>123 50</td> <td>123 50</td> <td>Petitions related to provisional applications</td> <td></td> </tr> <tr> <td>126 180</td> <td>126 180</td> <td>Submission of Information Disclosure Statement</td> <td></td> </tr> <tr> <td>581 40</td> <td>581 40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td></td> </tr> <tr> <td colspan="4">Other Fee (specify) _____</td> </tr> <tr> <td colspan="2" style="text-align: right;">Subtotal (1) \$ 710</td> <td colspan="2" style="text-align: right;">Subtotal (3) \$</td> </tr> </tbody> </table>		Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid	Code (\$)	Code (\$)			105 130	205 65	Surcharge - Late filing fee or oath		127 50	227 25	Surcharge - Late provisional Filing Fee or cover sheet		139 130	139 130	Non-English specification		147 2,520	147 2,520	For Filing a Request for Reexamination		115 110	215 55	Extension for reply within first month		116 390	216 195	Extension for reply within second month		117 890	217 445	Extension for reply within third month		118 1,390	218 695	Extension for reply within fourth month		128 1,890	280 945	Extension for reply within fifth month		120 310	220 155	Filing a brief in support of an appeal		121 270	221 135	Request for oral hearing		148 110	248 55	Terminal Disclaimer Fee		140 110	240 55	Petition to Revive - unavoidable		141 1,240	241 620	Petition to Revive - unintentional		142 1,270	242 650	Utility/Reissue issue fee (inc. advance copies)		143 470	243 250	Design issue fee (inc. advance copies)		122 130	122 130	Petitions to the Commissioner		123 50	123 50	Petitions related to provisional applications		126 180	126 180	Submission of Information Disclosure Statement		581 40	581 40	Recording each patent assignment per property (times number of properties)		Other Fee (specify) _____				Subtotal (1) \$ 710		Subtotal (3) \$	
Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid																																																																																																
Code (\$)	Code (\$)																																																																																																		
105 130	205 65	Surcharge - Late filing fee or oath																																																																																																	
127 50	227 25	Surcharge - Late provisional Filing Fee or cover sheet																																																																																																	
139 130	139 130	Non-English specification																																																																																																	
147 2,520	147 2,520	For Filing a Request for Reexamination																																																																																																	
115 110	215 55	Extension for reply within first month																																																																																																	
116 390	216 195	Extension for reply within second month																																																																																																	
117 890	217 445	Extension for reply within third month																																																																																																	
118 1,390	218 695	Extension for reply within fourth month																																																																																																	
128 1,890	280 945	Extension for reply within fifth month																																																																																																	
120 310	220 155	Filing a brief in support of an appeal																																																																																																	
121 270	221 135	Request for oral hearing																																																																																																	
148 110	248 55	Terminal Disclaimer Fee																																																																																																	
140 110	240 55	Petition to Revive - unavoidable																																																																																																	
141 1,240	241 620	Petition to Revive - unintentional																																																																																																	
142 1,270	242 650	Utility/Reissue issue fee (inc. advance copies)																																																																																																	
143 470	243 250	Design issue fee (inc. advance copies)																																																																																																	
122 130	122 130	Petitions to the Commissioner																																																																																																	
123 50	123 50	Petitions related to provisional applications																																																																																																	
126 180	126 180	Submission of Information Disclosure Statement																																																																																																	
581 40	581 40	Recording each patent assignment per property (times number of properties)																																																																																																	
Other Fee (specify) _____																																																																																																			
Subtotal (1) \$ 710		Subtotal (3) \$																																																																																																	
FEE CALCULATION																																																																																																			
BASIC FILING FEE																																																																																																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee</th> <th>Small Entity Fee</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr> <td>Code (\$)</td> <td>Code (\$)</td> <td></td> </tr> <tr> <td>101 710</td> <td>201 355</td> <td><input checked="" type="checkbox"/> Utility Filing Fee</td> </tr> <tr> <td>106 320</td> <td>206 160</td> <td><input type="checkbox"/> Design Filing Fee</td> </tr> <tr> <td>108 710</td> <td>208 355</td> <td><input type="checkbox"/> Reissue Filing Fee</td> </tr> <tr> <td>114 150</td> <td>214 75</td> <td><input type="checkbox"/> Prov. Filing Fee</td> </tr> <tr> <td colspan="3" style="text-align: right;">Subtotal (1) \$ 710</td> </tr> </tbody> </table>		Large Entity Fee	Small Entity Fee	Fee Description	Code (\$)	Code (\$)		101 710	201 355	<input checked="" type="checkbox"/> Utility Filing Fee	106 320	206 160	<input type="checkbox"/> Design Filing Fee	108 710	208 355	<input type="checkbox"/> Reissue Filing Fee	114 150	214 75	<input type="checkbox"/> Prov. Filing Fee	Subtotal (1) \$ 710																																																																															
Large Entity Fee	Small Entity Fee	Fee Description																																																																																																	
Code (\$)	Code (\$)																																																																																																		
101 710	201 355	<input checked="" type="checkbox"/> Utility Filing Fee																																																																																																	
106 320	206 160	<input type="checkbox"/> Design Filing Fee																																																																																																	
108 710	208 355	<input type="checkbox"/> Reissue Filing Fee																																																																																																	
114 150	214 75	<input type="checkbox"/> Prov. Filing Fee																																																																																																	
Subtotal (1) \$ 710																																																																																																			
EXTRA CLAIM FEES																																																																																																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Number Claims</th> <th>Prior**</th> <th>Extra</th> <th>Fee from Below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Total 10</td> <td>20</td> <td>0</td> <td>18</td> <td>0</td> </tr> <tr> <td>Indep. 4</td> <td>3</td> <td>1</td> <td>80</td> <td>80</td> </tr> </tbody> </table>		Number Claims	Prior**	Extra	Fee from Below	Fee Paid	Total 10	20	0	18	0	Indep. 4	3	1	80	80																																																																																			
Number Claims	Prior**	Extra	Fee from Below	Fee Paid																																																																																															
Total 10	20	0	18	0																																																																																															
Indep. 4	3	1	80	80																																																																																															
Multiple Dependent Claims ** Insert 3 and 20, or number previously paid if greater, Reissue see below <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee</th> <th>Small Entity Fee</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>Code (\$)</td> <td>Code (\$)</td> <td></td> </tr> <tr> <td>103 18</td> <td>203 9</td> <td>Claims in excess of 20</td> </tr> <tr> <td>102 80</td> <td>202 40</td> <td>Independent claims in excess of 3</td> </tr> <tr> <td>104 270</td> <td>204 135</td> <td>Multiple Dependent Claims</td> </tr> <tr> <td>109 80</td> <td>209 40</td> <td>Reissue Independent Claims over Original Patent</td> </tr> <tr> <td>110 18</td> <td>210 9</td> <td>Reissue claims in excess of 20 and over original patent</td> </tr> </tbody> </table>		Large Entity Fee	Small Entity Fee	Description	Code (\$)	Code (\$)		103 18	203 9	Claims in excess of 20	102 80	202 40	Independent claims in excess of 3	104 270	204 135	Multiple Dependent Claims	109 80	209 40	Reissue Independent Claims over Original Patent	110 18	210 9	Reissue claims in excess of 20 and over original patent																																																																													
Large Entity Fee	Small Entity Fee	Description																																																																																																	
Code (\$)	Code (\$)																																																																																																		
103 18	203 9	Claims in excess of 20																																																																																																	
102 80	202 40	Independent claims in excess of 3																																																																																																	
104 270	204 135	Multiple Dependent Claims																																																																																																	
109 80	209 40	Reissue Independent Claims over Original Patent																																																																																																	
110 18	210 9	Reissue claims in excess of 20 and over original patent																																																																																																	
Subtotal (2) \$ 80																																																																																																			

Signature Brian D. Kaul
(Brian D. Kaul)

Reg. No. 41.885

Date 4/26/01

Deposit Account No. 23-1123